

University of Illinois Fire Service Institute

Course Syllabus

Course Title: Essentials II

Course Duration: 16 hours

Program: Fire Fighting Program

Course Prerequisites: None

Course Description: Essentials II is the second installment in the Essentials Program. The Essentials Program is designed to introduce new and novice firefighters to essential skills in the fire service. Each level of the Essential Program, Levels I, II, and III will introduce firefighters to skills that will build upon one another as participants progress through the program.

The Essentials Program is designed to meet the requirements of NFPA 1403 the Standard on Live Fire Training Evolutions and parallels the Illinois Fire Service Institute's Minimum Fire Fighter Training Guide. The scope of the Essentials Program is to prepare personnel for supporting the station and exterior firefighting operations.

This Essentials II Course will immerse the firefighter in skills related to water supply, hose line advancement, safety and survival, fireground search and rescue, ground ladders, ventilation, forcible entry, and loss control.

Course Requirements:

Pre-Course Work – None

Course Work – Attend and Participate in all classroom and practical sessions

Post-Course Work – Complete Online Course Evaluation Questionnaire

Course Policies:

Safety Policy: Students shall understand and follow all instructions on operational safety, as stated by instructors, or as written in course materials. Instructors and students shall be always mindful of safety. Conduct judged to be unsafe shall be grounds for dismissal from the course.

Academic Integrity Policy: IFSI has the responsibility for maintaining academic integrity to protect the quality of the education provided through its courses, and to protect those who depend upon our integrity. It is the responsibility of the student to refrain from infractions of academic integrity, from conduct that may

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lead to suspicion of such infractions, and from conduct that aids others in such infractions. Any violation of the code of conduct is grounds for immediate dismissal from the course.

American Disabilities Act: As guaranteed in the Vocational Rehabilitation Act and the American Disabilities Act, if any student needs special accommodations, they are to notify their instructor and provide documentation as soon as possible so arrangements can be made to provide for the student's needs. If arrangements cannot be made at the class site, the student will test at an alternative time and place where the special accommodations can be made.

Course Content:

Module: 9

Title: Water Supply

Terminal Learning Objective:

At the conclusion of this module, the student will describe and demonstrate methods of establishing water supply for firefighting operations.

Module: 10

Title: Hose Line Advancement

Terminal Learning Objective:

At the conclusion of this module, the student will deploy, operate, and move 1 ¾" and 2 ½" attack lines for fire suppression operations.

Module: 11

Title: Firefighter Safety and Survival

Terminal Learning Objective:

At the conclusion of this module, the student will describe techniques to enhance firefighter safety and survival.

Module: 12

Title: Fireground Search and Rescue

Terminal Learning Objective:

At the conclusion of this module, the student will identify the proper procedures to use when conducting a search and rescue operation.

Module: 13

Title: Ground Ladders

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate proper procedures for operating from fire service ladders.

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Module: 14

Title: Ventilation

Terminal Learning Objective:

At the conclusion of this module, the student will explain the proper uses and safety considerations of ventilation.

Module: 15

Title: Forcible Entry

Terminal Learning Objective:

At the conclusion of this module, the student will demonstrate principles and procedures of forcible entry.

Module: 16

Title: Loss Control

Terminal Learning Objective:

At the conclusion of this module, the student will explain loss control on the fireground.

References:

IFSTA Essentials of Firefighting, 7th Edition

NFPA 1001 Standard for Fire Fighter Professional Qualifications, 2019 Edition

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Course Schedule

<u>Event</u>	<u>Duration</u>
Module 9 Water Supply	
Classroom	1 Hour
Drill 9.1 Hydrant Connections	1 Hour
Drill 9.2 Drafting/Porta-Tank Operations	30 Minutes
<i>Total Module Time 2 Hours 30 Minutes</i>	

<u>Event</u>	<u>Duration</u>
Module 10 Hose Line Advancement	
Drill 10.1 Hose Line Advancement	1 Hour
<i>Total Module Time 1 Hour</i>	

<u>Event</u>	<u>Duration</u>
Module 11 Firefighter Safety and Survival	
Classroom	30 Minutes
Drill 11.1 Shifting, Dumping, and Emergency	1 Hour
<i>Total Module Time 1 Hour 30 Minutes</i>	

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<u>Event</u>	<u>Duration</u>
Module 12 Fireground Search and Rescue	
Classroom	30 Minutes
Drill 12.1 Search	30 Minutes
Drill 12.2 Rescue Drags	30 Minutes

Total Module Time 1 Hour 30 Minutes

<u>Event</u>	<u>Duration</u>
Module 13 Ground Ladders	
Drill 13.1 Climbing and Exiting Ladders	1 Hour
Drill 13.2 Deploying a Roof Ladder	1 Hour

Total Module Time 2 Hours

<u>Event</u>	<u>Duration</u>
Module 14 Ventilation	
Classroom	1 Hour
Drill 14.1 Horizontal Ventilation	30 Minutes
Drill 14.2 Pitched Roof Ventilation	1 Hour

Total Module Time 2 Hours 30 Minutes

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<u>Event</u>	<u>Duration</u>
Module 15 Forcible Entry	
Classroom	1 Hour
Drill 15.1 Inward & Outward Doors	1 Hour
Drill 15.2 Padlock and Chain	30 Minutes
Drill 15.3 Cut Rebar	30 Minutes

Total Module Time 3 Hours

<u>Event</u>	<u>Duration</u>
Module 16 Loss Control	
Classroom	1 Hour
Drill 16.1 Salvage Cover Fold & Deployment	30 Minutes
Drill 16.2 Water Chute & Catchall	30 Minutes

Total Module Time 2 Hours

Essentials II Total Time 16 Hours
